

SYSTEMS AND METHODS FOR SWITCHING  
MULTI-RATE COMMUNICATIONS

ABSTRACT OF THE DISCLOSURE

A method for switching multi-rate communications is described. The method includes filling a first set of  $p$  timeslots with  $p$  sets of data from a first data collection of a first type, where the first data collection includes  $m$  sets of data and  $p$  is less than  $m$ . The method also includes loading at least one overflow timeslot with at least one overflow set of data from the first data collection, where the overflow set of data exceeds a size of the first set of  $p$  timeslots.